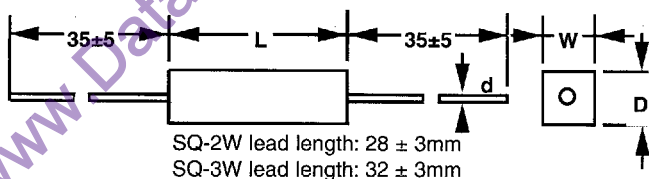


# Cement Insulated Resistors

## Features:

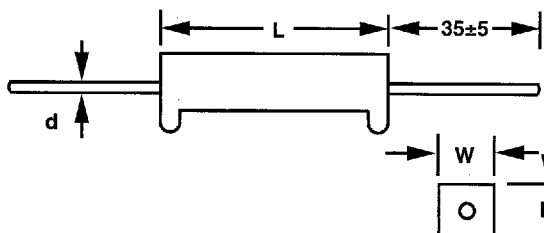
- Extremely small, sturdy & mechanically safe.
- Excellent flame resistance and moisture resistance.
- Self-extinguishing.
- Non-inductive types available on all series.
- Very low or very high ohmic values on Wirewound and Power Film Types can be supplied upon request.

### (1) SQ Type



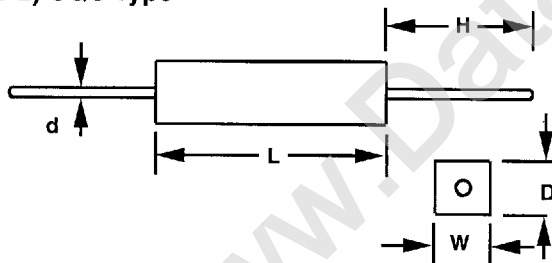
Series	Dimension (mm)				Resistance Range	
	$W \pm 1$	$D \pm 1$	$L \pm 1$	$d \begin{smallmatrix} +0.02 \\ -0.05 \end{smallmatrix}$	Wirewound	Power Film
SQ-2W	7	7	18	0.7	$0.1\Omega \sim 27\Omega$	$28\Omega \sim 33K\Omega$
SQ-3W	8	8	22	0.7	$0.1\Omega \sim 39\Omega$	$40\Omega \sim 56K\Omega$
SQ-5W	10	9	22	0.8	$0.1\Omega \sim 47\Omega$	$48\Omega \sim 100K\Omega$
SQ-7W	10	9	35	0.8	$0.1\Omega \sim 680\Omega$	$681\Omega \sim 200K\Omega$
SQ-10W	10	9	49	0.8	$0.1\Omega \sim 910\Omega$	$911\Omega \sim 200K\Omega$
SQ-15W	12.5	11.5	49	0.8	$1\Omega \sim 1K\Omega$	
SQ-20W	14.5	13.5	60/64	0.8	$2\Omega \sim 1.2K\Omega$	

### (1-1) SQT Type



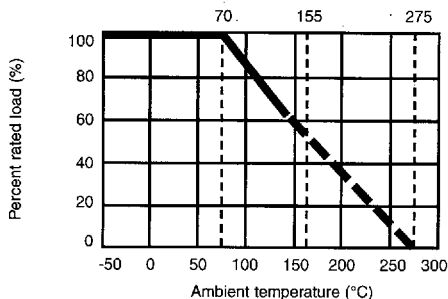
Series	Dimension (mm)				Resistance Range	
	$W \pm 1$	$D \pm 1$	$L \pm 1$	$d \begin{smallmatrix} +0.02 \\ -0.05 \end{smallmatrix}$	Wirewound	Power Film
SQT-5W	10	9	22	0.8	$0.1\Omega \sim 47\Omega$	$48\Omega \sim 100K\Omega$
SQT-7W	10	9	35	0.8	$0.1\Omega \sim 680\Omega$	$681\Omega \sim 200K\Omega$
SQT-10W	10	9	49	0.8	$0.1\Omega \sim 910\Omega$	$911\Omega \sim 200K\Omega$

### (1-2) SQC Type



Series	Dimension (mm)					Resistance Range	
	$W \pm 1$	$D \pm 1$	$L \pm 1$	$d \begin{smallmatrix} +0.02 \\ -0.05 \end{smallmatrix}$	$H \pm 5$	Wirewound	Power Film
SQC-3W	6	6	20	0.7	28	$1\Omega \sim 27\Omega$	$28\Omega \sim 33K\Omega$
SQC-5W	6	6	25	0.8	35	$1\Omega \sim 100\Omega$	$101\Omega \sim 100K\Omega$
SQC-7W	9	9	25	0.8	35	$1\Omega \sim 100\Omega$	$101\Omega \sim 100K\Omega$

## Derating Curve



## Heat Rise Chart

